

Noah Boursier

Objective: To embark on a career working with others to create efficient and useful machines, systems or programs.

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SKILLS & ABILITIES

- Developed a variety of electro-mechanical robotic systems and devices using 3D CAD and
- Experience with programming software, such as: Python, HTML/CSS, Bootstrap, JAVA, variants of C, and understands code logic
- Interests in philosophy, music, art, chemistry and Spanish
- A team leader who can quickly adapt to changes, reach compromises, and is resourceful

EDUCATION

Dublin High School / Junior, 4.20 GPA

Engineering and Design Pathway Courses: Principles of Eng., Computer Science/Software Eng.

Advanced Placement Courses: Computer Science, Calculus, Chemistry, English Language

WORK & VOLUNTEERING EXPERIENCE

High School Vex Robotics Club / Extracurricular Activity August 2015 - Current, Dublin CA

Member of robotics club. Design, construct, and program robots to compete in tournaments. Completed special project to reverse engineer electronic devices.

Broadway Motor and Muffler / Summer job June 2017 - August 2017, Dublin CA

Part-time assistant at an auto repair shop. Developed a work ethic and learned about automotive systems. Changed oil, repaired brake systems, replaced spark plugs, bent mufflers into proper configuration for installation, identified and solved various electrical and mechanical issues.

Fallon Engineering Labs / Volunteer aid January 2016 - April 2016, Dublin CA

Helped teach a weekly digital electronics class for middle schoolers. Taught basic digital electronics concepts and programming of Raspberry Pi mini-computers in Python. Assured no LEDs exploded.

HIGHLIGHTS & AWARDS

Robotics: Team qualified for and participated in state and worlds championships. Team won the following awards:

- 2016/17 Bellarmine High School Robotics Tournament Excellence Award
- 2016/17 Northern California State Tournament Design Award
- 2017/18 Bellarmine High School Robotics Tournament Excellence Award

Alameda County Science Fair: Won first place in mechanical engineering category for programmed medication dose dispenser project.

HOBBIES & INTERESTS

Robotics, chess, building, climbing, coding, hiking, and gaming. Interested in aviation, theoretical physics dilemmas, exploring why and how phenomena occur, understanding the world.